

BATTERY AND SYSTEM POWER SELECTOR INTEGRATION SCHEME

Abstract of Disclosure

5 In a method and system for operating each smart battery included in a smart
battery system, the smart battery is initialized prior to the smart battery being
electrically coupled to the smart battery system. The smart battery system or an
external power source is selected to provide power to an information handling
system device. The smart battery includes a smart electronics, a charge switch and
10 a discharge switch. The smart electronics operates the charge and discharge
switches to jointly control an operating condition of the smart battery in response to
receiving a control input from a controller of the device. The charge and discharge
switches are closed in response to the smart electronics and the controller being in
agreement to charge the first smart battery. The charge or the discharge switch is
15 opened in response to either the smart electronics or the controller directing either
of the switches to be opened.